

SPECIAL PAPERS ON GENERAL METEOROLOGY.

RECENT ADDITIONS TO THE WEATHER BUREAU LIBRARY.

C. FITZHUGH TALMAN, Librarian.

The following have been selected from among the titles of books recently received as representing those most likely to be useful to Weather Bureau officials in their meteorological work and studies. Anonymous publications are indicated by a —.

American climatological association.

Transactions, v. 27, 1911. Philadelphia. 1911. xxxiv, 410 p. 8°.

Beals, Edward A.

Forecasting frost in the North Pacific states. Washington. 1912. 49 p. 8°. (U. S. Weather bureau. Bull. 41. W. B. no. 473.)

Chile. Instituto central meteorológico y geofísico.

Observaciones de provincias, 1910. Santiago de Chile. 1911. 20 p. f°. (Publicaciones, no. 2.)

Concarneau. Laboratoire de zoologie et de physiologie maritime.

Observations météorologiques faites . . . pendant l'année 1910, par J. Guérin-Ganivet. Concarneau. 1911. 23 p. 8°. (Travaux scientifiques du laboratoire, t. 3, fasc. 1.)

Conseil permanent international pour l'exploration de la mer.

Bulletin hydrographique, . . . 1909-10. Copenhague. 1911. var. pag. f°.

Dack, Charles.

Weather and folk lore of Peterborough and district. Peterborough. 1911. 36 p. 8°.

Denmark. Ekspeditionen til Grönlands nordøstkyst, 1906-1908.

Meteorologiske Terminbeobachtungen am Danmarks-Havn, von Alfred Wegener. Bind 2. No. 4. København. 1911. pp. [125]-355. 4°. (Reprint: Meddelelser om Grönland. 42.)

Meteorologische Beobachtungen während der Seereise 1906 und 1908, von Alfred Wegener. Bind 2. No. 3. København. 1911. pp. 115-122. 4°. (Reprint: Meddelelser om Grönland. 42.)

Deutsche Südpolar-Expedition 1901-1903.

. . . Meteorologische Ergebnisse der Kerguelen-Station, 1902-1903, [von Meinardus]. Berlin. [1911.] pp. 125-243. f°. (Meteorologie, Bd. 2, Heft 2.)

Hildebrandt, Alfred.

Vergleich der Temperatur auf dem Brocken und in der gleichen Höhe der freien Atmosphäre auf Grund neuerer Ballon- und Drachenaufstiege. Stuttgart. 1911. 26 p. tables, charts. 8°. (Diss.—Rostock.)

Jensen, H. I.

Soils in relation to geology and climate. Sydney, [N. S. W.] 1911. 30 p. 8°. (N. S. W. Dept. agric. Science bull. No. 1.)

Knoche, Walter.

Ein Beitrag zum Wesen der andinen Bergkrankheit. (In-Berliner klinische Wochenschrift. Berlin. 25. April, 1910. 47. Jhrg. No. 17, p. 767-770.)

Krüger, Gustav.

Über Sturmfluten an den deutschen Küsten der westlichen Ostsee, mit besonderer Berücksichtigung der Sturmflut vom 30-31. Dezember 1904. Greifswald. 1910. 100 p. 8°. (Diss.—Greifswald.)

Linke, Franz, & Clössner, Jacob.

Der wetterkundliche Unterricht, ein systematischer Lehrgang. 2d and 3d editions. Frankfurt a/M. 1912. 177 p. 8°.

Ludewig, Paul.

Die Messung vertikaler Luftströmungen. Resultate von drei wissenschaftlichen Freiballonfahrten. Leipzig. 1911. 30 p. 4 pl. 8°. [Describes a registering vertical-anemometer.]

Manchester university. Meteorological department.

Report of the investigations of the upper atmosphere, under the direction of Prof. Arthur Schuster, 1911. n.p. n.d. [18] sheets [mimeographed]. 4°.

Meissen. Wetterwarte.

Zusammenstellung der Monats- und Jahres-Mittel . . . im Jahre 1911. Im Auftrage der "Isis" bearbeitet von Prof. Dr. Overbeck. Meissen. [1912.] 8 p. 4°.

[Mellish, Henry]

The weather of 1911, at Hodsock Priory, Worksop, [Nottinghamshire]. n. p. [1912.] 8 p. 2 pl. 8°.

Richter, C. M.

The simultaneous and cyclic appearance of epidemics of pneumonia, grip, and enteritis on the Northern Hemisphere, and their synchronism with solar activity cycles. Chicago. 1911. 11 p. 8°. (Reprint: Jour. Amer. med. assoc., Chicago, Dec. 16, 1911, 57: 1964-1967.)

Société météorologique de France.

Annuaire, t. 58, 1910. Paris. [1911.] 378 p. [4] plates. 4°.

Sweden. Hydrografiska byrån.

Instruktion för iakttagelser öfver vattenstånd, is, flottning och vattentemperatur m. m. samit insamling af vattenprof. 3d ed. Stockholm. 1911. 24 p. 8°.

Trabert, Wilhelm.

Einige neue Ergebnisse der wissenschaftlichen Ballon- und Drachenaufstiege. Wien. 1911. 19 p. 12°. (Vorträge d. Verein z. Verbreit. nat.-wiss. Kenntnisse n. Wien. 51. Jhrg. Hft. 1.)

U. S. Weather bureau. Local office, New York, N. Y.

Annual meteorological summary, 1911, with comparative data. Compiled under the direction of James H. Scarr. New York. [1912.] 11 p. 8°.

Westman, J.

Sonnenschein-dauer und Insolation in Stockholm und auf Häfringe. Uppsala, etc. 1911. 38 p. f°. (K. Svenska vetensk.-akad. handl. Bd. 47, no. 8.)

Wilson, Wilford M.

The weather, Ithaca, N. Y. 1911. 8°. (Reprint: Handbook of nature-study. p. 857-876.)

Zi-ka-wei. Observatoire météorologique et magnétique.

Observations magnétiques faites à l'observatoire de Lu-kia-pang. Année 1908, t. 1. Chang-hai. 1911. 76 p. f°.

RECENT PAPERS BEARING ON METEOROLOGY.

C. FITZHUGH TALMAN, Librarian.

The subjoined titles have been selected from the contents of the periodicals and serials recently received in the Library of the Weather Bureau. The titles selected are of papers and other communications bearing on meteorology and other cognate branches of science. This is not a complete index of the meteorological contents of all the journals from which it has been compiled. It shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau. Unsigned articles are indicated by a —.

Better fruit. Hood river, Oreg. v. 6. November, 1911.

O'Gara, P. J. Frost injury prevention methods in Rogue river valley. p. 21-30.

Beals, Edward A. The forecasting of frost in the north Pacific coast states. p. 31-32.

Wentworth, J. R. Successful orchard heating methods. p. 32-33.

Wells, Edward L. Successful fruit growers' thermometer and how to use it. p. 35-36.

Howard, R. F. Protection of orchards from frost. p. 36-38.

Lewis, C. I., & Brown, F. R. Preliminary frost-fighting studies in Rogue river valley. p. 43-51.

Franklin institute. Journal. Philadelphia. v. 173. 1912.

Zahm, A[libert] F[rançois]. Elements of theoretical aéromechanics. Part 1: Aérostatics. p. 133-139. [Feb.]

Part 2: Aérodynamics. p. 251-270. [Mar.]

London, Edinburgh, and Dublin philosophical magazine. London. 6th ser. v. 23. February, 1912.

Vegard, L. On the properties of the rays producing aurora borealis. p. 211-237.

Nature. London. v. 88. February 29, 1912.

— A study of daylight illumination. p. 600. [Abstract of memoir by Weber.]

Nature. London. v. 89. March 14, 1912.

Schultz, L[uis] G. The weather of 1911. p. 33-34.